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(54) **PRODUCTION OF BELT FOR ELECTROSTATIC RECORDING AND TRANSFERRING**

(57)Abstract:

PURPOSE: To reduce the cost of an endless belt by casting a liquid mixture prepd. by mixing pulverous conductive power with a thermosetting resin dissolved in a volatile solvent into a cylindrical mold and molding centrifugally the liquid mixture under heating to form the endless belt formed with a conductive layer on one side.

CONSTITUTION: The liquid mixture prepd. by mixing the pulverous conductive powder of carbon, copper, etc. with the thermosetting resin such as polyimide resin dissolved in the volatile solvent is poured into the cylindrical mold 7 and is centrifugally molded under the heating by heating fluid. The one side of the resultant belt is formed as the conductive layer of the pulverous conductive powder and the other side is formed as the virtually non-conductive resin layer. A selenium photoconductive layer is formed by vacuum deposition of selenium, etc. on the surface of the conductive layer, by which the photosensitive belt is obtd. The base body belt layer and the conductive layer are thus molded simultaneously and integrally and since there is no need for a splicing stage, the cost is reduced.
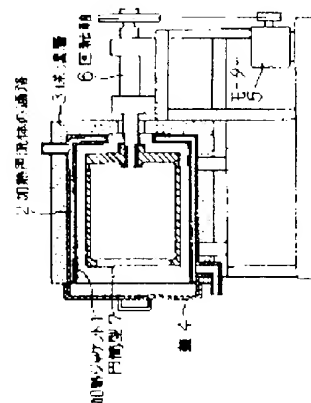
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